



Define 
$$X = [x, x_2, ..., x_N]$$
,  $Y = \text{diag}([y, y_2, ..., y_N])$   
 $(x^T X)_{ij} = x_i^T X_j^T$ ,  $e = \begin{bmatrix} 1 \end{bmatrix}$ ,  $e = [1+...]$ ,  $e = \begin{bmatrix} a_{ij} \\ a_{ij} \end{bmatrix}$   
Given the above motation. The dual SYM can be usualler as  $e^{-\frac{1}{2}} e^{-\frac{1}{2}} e^{-\frac{1}{2}}$